L15 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN

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TITLE:

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LANGUAGE:

Plant growth-regulating compositions containing

brassinosteroids and poly(oxyethylene)

sorbitan fatty acid esters

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AB Brassinosteroids are applied to plants in

the presence of polyoxyethylene **sorbitan fatty** acid amphoteric surfactants to regulate plant growth without damage on the plants. (22R, 23R)-24-Epibrassinolide (I) 0.01, iso-Pr alc. 89.99, and poly(oxyethylene) sorbitan monolaurate 10 weight parts were mixed to prepare a liquid agent, which was applied to cucumber at 1 ppm (as I) to show 566.7% (based on untreated control) petiole growth.

TI Plant growth-regulating compositions containing brassinosteroids and poly(oxyethylene) sorbitan fatty acid esters

AB